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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PCT

In the Application of

Jean-Noel THOREL et al.

Group Art Unit: 1617

Application No.: 10/537,816

Filed: September 14, 2005

Docket No.: 124184

For: CUTANEOUS METABOLIC BIO-ACTIVATOR

INFORMATION DISCLOSURE STATEMENT

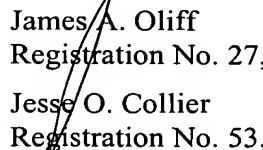
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

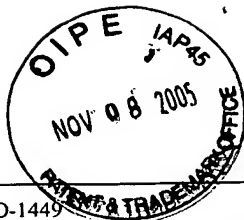
- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. References 2, 3, 5-7, 9, 16, 18, 21-27 and 31-38 were cited in a counterpart French applications. English language versions of the French search reports are attached for the Examiner's information.
- ☒ 3. References 1-4, 7-14 and 17-22 were cited in the International Search Report. An English language version of the International Search Report is attached for the Examiner's information. According to the Notification of Acceptance in this file, copies of the references are already in the PTO file. Thus additional copies of the references are not attached.
- ☒ 4. In accordance with 37 CFR §1.98(a)(2)(ii), copies of any U.S. patents and patent application publications are not attached.
- ☒ 5. References 28-30 and 41 were discussed in the present specification.

Respectfully submitted,

  
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Form PTO-1449 (REV. 8-83) US Dept. of Commerce PATENT & TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		ATTY DOCKET NO. 124184		APPLICATION NO. 10/537,816	
		APPLICANTS Jean-Noel THOREL et al.			
		FILING DATE September 14, 2005		GROUP 1617	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	1	US 4 844 884 A	07/04/1989	Wladimir TUR et al.		
	2	US 5,885,974	03/23/1999	Michael M. DANIELOV		
	3	US 5,254,331	10/19/1993	Jack MAUSNER		
	4	US 5,958,976	09/28/1999	Neelam MUIZZUDDIN et al.		
	5	US 6,444,647 B1	09/03/2002	Larry R. ROBINSON et al.		
	6	US 5,272,079	12/21/1993	Daniel B. YAROSH		

FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
	7	DE 41 39 639 A1	06/03/1993	GERMANY		
	8	FR 2 783 169 A1	03/17/2000	FRANCE		
	9	WO 02/085927 A1	10/31/2002	WIPO		
	10	FR 2 668 365 A1	04/30/1992	FRANCE		
	11	FR 2 546 164 A1	11/23/1984	FRANCE		
	12	FR 2 706 300 A1	12/23/1994	FRANCE		

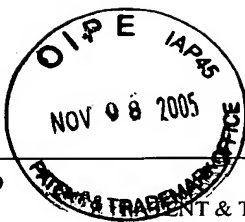
  

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		
13	ANONYMOUS: "Skin energy," INTERNET ARTICLE, 'Online! XP002286181, Cognis, Extract of Internet: URL: <a href="http://www.cognis.com/carechemicals/Beauty/beauty_popup_genl_SkinEnergy.html">http://www.cognis.com/carechemicals/Beauty/beauty_popup_genl_SkinEnergy.html</a> , 'Extract 2004-06-08, Abstract	
14	I. MATSURA et al., "Skin roughness-treating cosmetics containing carnosines and mucopolysaccharides, peptide and/or lecithin," 24 AUGUST 1992 (1992-08-24), CHEMICAL ABSTRACTS + INDEXES, AMERICAN CHEMICAL, SOCIETY. COLUMBUS, US, PAGE(S) 436, XP002966006, ISSN: 0009-2258; ABSTRACT	
15	DATABASE WPI, Derwent Publications Ltd., London, GB; AN, 2003-451671, XP002251028, NN: "Superoxide dismutase-like substances useful in skin cosmetics for preventing aging and wrinkles for skin and improving fairness of skin, comprises extract of Ehretia belonging of Boraginaceae, as active ingredient," & JP 2002 363087 a (MARUZEN SEIYAKU KK), 18 December 2002 (2002-12-18), Abstract-	
16	K. KATAYAMA et al., " A Pentapeptide from Type I Procollagen Promotes Extracellular Matrix Production ", JOURNAL OF BIOLOGICAL CHEMISTRY, AMERICAN SOCIETY OF BIOLOGICAL CHEMISTS, BALTIMORE MD, US, vol. 268 no. 14, 15 May 1993 (1993-05-15), pages 9941-9944, XP 002106610, ISSN: 0021-9258	

EXAMINER	DATE CONSIDERED
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
	17	JP A 56-115707 A with abstract	09/11/1981	JAPAN		
	18	EP 0 707 844 A2	04/24/1996	EUROPEAN PATENT		
	19	EP 0 571 198 A1	11/24/1993	EUROPEAN PATENT		
	20	DE 100 32 964 A1	01/24/2002	GERMANY		
	21	DD 268 157 A1	05/24/1989	DENMARK		
	22	JP A 2002-363087 with abstract and translation	12/18/2002	JAPAN		
	23	JP A 08-051953 with abstract and translation	02/27/1996	JAPAN		
	24	EP 0 402 068 A1	12/12/1990	EUROPEAN PATENT		
	25	WO 00/15188	03/23/2000	WIPO		
	26	WO 00/62740	10/26/2000	WIPO		

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

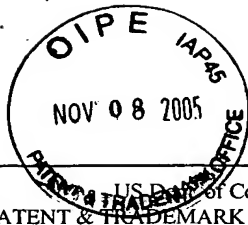
	27	O. WIEDOW et al. "Elafin: An Elastase-specific Inhibitor of Human Shin" THE JOURNAL OF BIOLOGICAL CHEMISTRY, Vol. 265, no. 25, 5 September 1990 (1990-09-05), pages 14791-14795, XP002252695
	28	E. Bauer et al., "The distribution of the tail moments in single cell gel electrophoresis (comet assay) obeys a chi-square ( $\chi^2$ ) not a gaussian distribution," Mutation Research, 398, 1998, pp. 101-110
	29	M. Klaude et al. "The comet assay: mechanisms and technical considerations" Mutation Research, 363, 1996, pp. 89-96
	30	W. Kullmann "Proteases as Catalysts for Enzymic Syntheses of Opioid Peptides" THE JOURNAL OF BIOLOGICAL CHEMISTRY, Vol. 255, No. 17, 1980, pp. 8234-8238

EXAMINER

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
	31	WO 94/14419	07/07/1994	WIPO		
	32	WO 99/63828	12/16/1999	WIPO		
	33	WP 99/25819	05/27/1999	WIPO		
	34	FR 2 801 787 A1	06/08/2001	FRANCE		
	35	WO 02/49593 A2	06/27/2002	WIPO		
	36	WO 01/43704 A1	06/21/2001	WIPO		
	37	FR 2 590 169 A1	05/22/1987	FRANCE		
	38	DE 198 41 795 A1	03/16/2000	GERMANY		
	39	EP 0 518 773 B1	02/08/1995	EUROPEAN PATENT		
	40	EP 0 518 772 B1	11/02/1994	EUROPEAN PATENT		

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	41	M. De Méo et al. "Genotoxic activity of potassium permanganate in acidic solutions," Mutation Research, 260, 1991 pp. 295-306

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